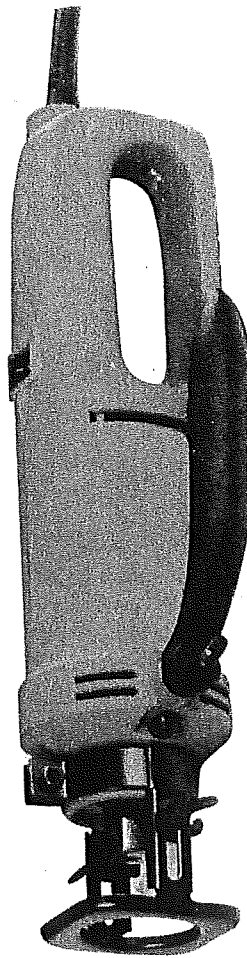


# HOLE MASTER



### Specifications

ITEM	DESCRIPTION
Motor	120V 60Hz 400Watts 3.8amps 28000rpm
Line Cord	6 feet :plug :2-prong polarized U.L.
Collet	Outside Nut Diameter:5/8 inch
Depth Gauge Adjustments	1/2(min)to 1-5/16(max.) inches depth
Depth Gauge Dimensions	2-3/8 inch square
Overall Dimensions	3-1/2(D) X11-12 (H) inches
Grip Dimensions	1-1/4X 3-1/2 inches
Accessories	1/4 and 1/8 inch collets

### Save This Manual

You will need the manual for the safety warnings and precautions assembly instructions, operating and maintenance procedures, parts list and diagram. Keep your invoice with this manual .Write the invoice number on to inside of the front cover. Keep the manual and invoice in a safe and dry place for future reference.

### Safety Warnings and Precautions

**WARNING :** When using tool , basic safety precautions should always be followed to reduce the risk of personal injury and damage to equipment.

**Read all instructions before using this tool!**

- 1: Keep work area clean. Cluttered areas invite injuries.
- 2: Observe work area conditions . Do not use machines pr power tools in damp or wet locations. Don't expose to rain. Keep work area well lighted. Do not use electrically powered tools in the presence of flammable gases or liquids.
- 3: Keep children away. Children must never be allowed in the work area . Do not let them handle machines, tools, or extension cords.
- 4: Store idle equipment . When not un use , tools must be stored in a dry location to inhibit rust. Always lock up tools and keep out of reach of children.
- 5: Do not force tool. It will do the job better and more safety at the rate for which it was intended. Do not use inappropriate attachments in an attempt to exceed the tool capacity.
- 6: Use the right tool for the job. Do not attempt to force a small tool or attachment to do the work of a larger industrial tool. There are certain applications for which this tool was designed. Do not modify this tool and do not use this tool for a purpose for which it was not intended.

- 7: Dress properly . Do not wear loose clothing or jewelry as they can be caught in moving parts. Protective, electrically non-conductive clothes and non-skid footwear are recommended when working . Wear restrictive hair covering to contain long hair.**
- 8: Use eye and protection. Always wear ANSI approved impact safety goggles . Wear a full face shield if you are producing metal filings or wood chips wear an ANSI approved dust mask or respirator when working around metal. Wood, and chemical dusts and mists.**
- 9: Do not overreach. Keep proper footing and balance at all times. Do not reach over or across running machines.**
- 10: Maintain tools with care. Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and, if damaged, have them repaired by an authorized technician . Then handles must be kept clean , dry, and free from oil and grease at all times.**
- 11: Disconnect power. Unplug tool when not in use.**
- 12: Remove adjusting keys and wrenches . Check that keys and adjusting wrenches are removed from the tool or machine work surface before plugging it in.**
- 13: Avoid unintentional starting . Be sure the switch is in the off position when not in use and before plugging on. Do not carry any tool with your finger on the trigger . whether it is plugged in or not.**
- 14: Stay alert. Watch what you are doing , use common sense. Do not operate any tool when you are tired.**
- 15: Take caution as some woods contain preservatives such as copper chromium arsenate (CCA) which can be toxic. When cutting these material extra care should be taken to avoid inhalation and minimize skin contact.**
- 16: Check for damaged parts. Before using any tool, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment and binding of moving parts ; any broken parts or mounting fixtures; and any other condition that may affect proper operation. Any part that is damaged should be properly repaired or replaced by a qualified technician . Do not use the tool if any switch dose not turn on and off properly.**
- 17: Guard against electric shock . Prevent body contact with grounded surfaces such as pipes, radiators, ranges, and refrigerator enclosures.**
- 18: Replacement parts and accessories. When servicing use only identical replacement parts. Use of any other parts will void the warranty. Only use accessories intended for use with this tool.**

19: Do not operate tool if under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, do not operate the tool.

20: Use proper size and type extension cord. If an extension cord is required it must be of the proper size and type to supply the correct current to the tool without heating up. Otherwise, the extension cord could melt and catch fire, or cause electrical damage to the tool. This tool requires use of an extension cord of 0 to 10 amps capability (up to 50 feet), with wire size rated at 18 AWG. Longer extension cords require larger size wire. If you are using the tool outdoors, use an extension cord rated for outdoor use. (signified by "WA" on the jacket).

21: Maintenance. For your safety, service and maintenance should be performed regularly by a qualified technician.

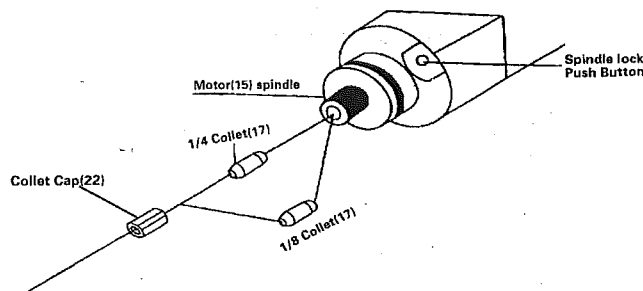
Note: Performance of this tool may vary depending on variations in local line voltage. Extension cord usage may also affect tool performance.

Warning: The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and factors which cannot be built into this product, but must be supplied by the operator.

### Operation

This cut out tool is used to make clean( unique shape) cuts into drywall and thin woods, etc., doing minimum tearing of the material edges.

1: Loosen Stud Screw (23) enough to remove the Bracket (18) depth gauge from the Cutout Tool.



- 2: Using the Collet Wrench (24) , loosen the Collet Cap (22) while pressing in on the spindle Lock Push Button.
- 3: Insert the Cutting Bit into the Collet.
- 4: Replace the depth gauge Bracket (18) and retighten Stud Screw(27) .
- 5: Mark the surface of the material to be cut.
- 6: Adjust the depth gauge Bracket (18) by loosening Stud Screws(20). Then adjusting the Bracket Head(25) in or out until the cutting bit protrudes out slightly over the thickness of the material being cut . Retighten Stud Screws.
- 7: Plug the cut out tool line cord (26) into an electrical outlet. The tool is ready to use.
- 8: With one hand, grasp the Handle (2) .Place the other hand on the cut out tool body.
- 9: Using your thumb, press the sliding Switch(21) forward to turn ON .
- 10: Drill a starter hole on the cut line.
- 11: With the Bracket flush against the material, begin moving the cut out tool slowly along the cutout line.
- 12: When the cut is complete , slide the Switch to the OFF position.

**Caution :** Do not set the Tool down until the Motor has stopped turning . Do not leave the tool plugged in when not in use . Do not leave the tool in the ON position when not in use.

**Direction of Feed:** Feed work into a blade or cutter against the direction or rotation of the blade or cutter only.

**Caution :** Before each use, check for damaged parts. Check for alignment of moving parts, and binding of moving parts. Always check for breakage of parts, mounting problems or any other condition that may affect a tool's operation.

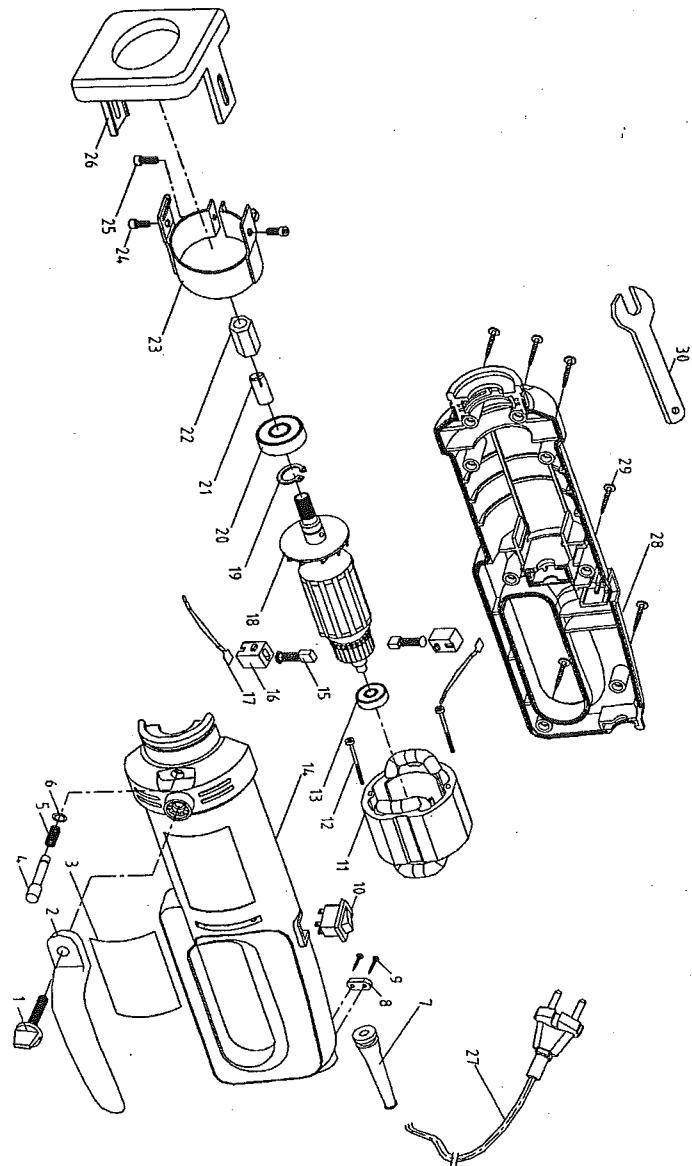
### **Maintenance**

- 1: Wipe the tool with a clean cloth after every use.
- 2: Periodically blow out the Motor vent holes with compressed air to prevent the buildup of dust and particles.
- 3: Periodically wipe the Collets and Cutting Bits with a light oil to prevent rust.
- 4: Over time, if the performance of the tool diminishes, or it stops working completely, it may be necessary to replace the Motor Carbon Brush Assembly(11).  
This procedure must be completed by a qualified technician.

## Parts List

No.	Description	No.	Description
1.	Screw for handle	16.	Carbon brush holder
2.	Handle	17.	Wire connector
3.	Label	18.	Motor
4.	Pin	19.	Spring plate
5.	Spring	20.	Bearing
6.	Plate washer	21.	Collet (1/8"and1/4")
7.	Cable holder	22.	Collet cap
8.	Wire clamp	23.	Bracket
9.	Stud screw	24.	Stud screw(1)
10.	Switch	25.	Stud screw(2)
11.	Stator	26.	Bracket head
12.	Stun screw	27.	Line cord
13.	Ball bearing	28.	Right body
14.	Left body	29.	Stud screw
15.	Carbon brush assembly	30.	Collet wrench

NOTE: some parts are listed and shown for illustration purposes only and are not available individually as replacement parts.



**PLEASE REAN THE FOLLOWING CAREFULLY .**

THE MANUFACTURER AND/ OR DISTRIBUTOR HAS PROVIDED THE PARTS DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER NOR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT . IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.